## **WEST Search History**

DATE: Wednesday, October 01, 2003

Set Name Query side by side		Hit Count	Set Name result set
DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ			
L1	(air near5 (conditioner or conditioning or purifier or purifying)) or (ion near5 (generating or generator))	193833	L1
L2	electrode near3 (emitter or emitting)	31911	L2
L3	electrode near3 (collector or collecting)	34075	L3
L4	11 same 12 same L3	19	L4

END OF SEARCH HISTORY

# Generate Collection Print

## Search Results - Record(s) 1 through 19 of 19 returned.

1. Document ID: US 20030170150 A1

L4: Entry 1 of 19

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150 PGPUB-FILING-TYPE: new DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air

transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Lau, Shek Fai

Foster City Rohnert Park CA US

Lee, Jimmy Luther Parker, Andrew J.

Sausalito

CA CA

us us

US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

2. Document ID: US 20030147783 A1

L4: Entry 2 of 19

File: PGPB

Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE CA COUNTRY

US

RULE-47

Taylor, Charles E.

S E. Sebastopol

US-CL-CURRENT: 422/186.3; 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

□ 3. Document ID: US 20030072697 A1

L4: Entry 3 of 19

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Taylor, Charles E.

Sebastopol

CA

US

US-CL-CURRENT: 422/186.07

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Deso Image

4. Document ID: US 20020155041 A1

L4: Entry 4 of 19

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155041 A1

TITLE: Electro-kinetic air transporter-conditioner with non-equidistant collector electrodes

PUBLICATION-DATE: October 24, 2002

INVENTOR - INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

McKinney, Edward C. JR. Taylor, Charles E.

Lee, Jim L.

San Rafael Sebastopol

Rohnert Park

CA CA CA US US US

US-CL-CURRENT: 422/186.04

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

KNAC Draw Deso Image

5. Document ID: US 20020150520 A1

L4: Entry 5 of 19

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520 PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150520 A1

 ${\tt TITLE: Electro-kinetic \ air \ transporter-conditioner \ devices \ with \ enhanced \ emitter \ electrode}$ 

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY

RIII.E-47

Taylor, Charles E.

Sebastopol

CA

US US

Lee, Jim L.

Rohnert Park

CA

US-CL-CURRENT: 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

 ☐ 6. Document ID: US 20020134665 A1

L4: Entry 6 of 19

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Taylor, Charles E. Lee, Jim L.

Sebastopol Rohnert Park CA CA

US US

US-CL-CURRENT: 204/164; 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

7. Document ID: US 20020134664 A1

L4: Entry 7 of 19

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Taylor, Charles E. Lee, Jim L.

Sebastopol Rohnert Park CA ÇA COUNTRY

HS

US

US-CL-CURRENT: 204/164; 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

Kull Draw Desc Image

8. Document ID: US 20020127156 A1

L4: Entry 8 of 19

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Taylor, Charles E. Sebastopol CA US

US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KNNC Draw Desc Image

☐ 9. Document ID: US 20020122752 A1

L4: Entry 9 of 19

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY RULE-47

Taylor, Charles E.

Lau, Shek Fai

Sebastopol Foster City CA CA US US

US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

10. Document ID: US 20020122751 A1

L4: Entry 10 of 19

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751 PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME

CTTY

STATE

COUNTRY RULE-47

Sinaiko, Robert J.

CA

US

Taylor, Charles E.

San Francisco Sebastopol

CA

US

US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 11. Document ID: US 20020098130 A1

L4: Entry 11 of 19

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098130

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098130 A1

TITLE: Apparatus for purifying and deodorizing air

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE COUNTRY

RULE-47

Hai Fong, William Wing

Kin

HK

US-CL-CURRENT: 422/186.04

#### Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWWC Draw Desc Image

12. Document ID: US 4524275 A

L4: Entry 12 of 19

File: USPT

Jun 18, 1985

US-PAT-NO: 4524275

DOCUMENT-IDENTIFIER: US 4524275 A

TITLE: Multiple collector mass spectrometers

DATE-ISSUED: June 18, 1985

INVENTOR-INFORMATION:

NAME

CITY

Manchester M20 8QP

STATE ZIP CODE

COUNTRY

Cottrell; John S. Turner; Patrick J.

Wilmslow, Cheshire

GB

Kay; David J.

Northwich, Cheshire

GB GB

US-CL-CURRENT: 250/298; 250/299, 250/396ML

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

13. Document ID: US 4230944 A

L4: Entry 13 of 19

File: USPT

Oct 28, 1980

US-PAT-NO: 4230944

DOCUMENT-IDENTIFIER: US 4230944 A

TITLE: X-ray system exposure control with ion chamber

DATE-ISSUED: October 28, 1980

INVENTOR - INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Wiegman; Douglas C. Grichnik; James A.

La Grange Park Elk Grove Village IL ΙL

US-CL-CURRENT: 378/97; 250/385.1, 378/116

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

☐ 14. Document ID: US 4069665 A

L4: Entry 14 of 19

File: USPT

Jan 24, 1978

US-PAT-NO: 4069665

DOCUMENT-IDENTIFIER: US 4069665 A

TITLE: Gas ionizing apparatus for improving the operation of an internal combustion engine

DATE-ISSUED: January 24, 1978

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Bolasny; Robert E.

Boulder CO

US-CL-CURRENT: 60/275; 123/538, 204/164, 250/426, 361/231, 422/186.15, 422/906, 422/907

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KINIC Draw Deso Image

15. Document ID: US 3983423 A

L4: Entry 15 of 19

File: USPT

Sep 28, 1976

US-PAT-NO: 3983423

DOCUMENT-IDENTIFIER: US 3983423 A

TITLE: Thermionic converter

DATE-ISSUED: September 28, 1976

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE COUNTRY

Rasor; Ned S.

Sunnyvale

CA

Britt; Edward J.

Cupertino

CD

US-CL-CURRENT: 310/306

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

16. Document ID: US 3943407 A

L4: Entry 16 of 19

File: USPT

Mar 9, 1976

US-PAT-NO: 3943407

DOCUMENT-IDENTIFIER: US 3943407 A

TITLE: Method and apparatus for producing increased quantities of ions and higher energy ions

energy tons

DATE-ISSUED: March 9, 1976

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Bolasny; Robert E.

Boulder

CO

US-CL-CURRENT: 361/229; 123/536, 60/274

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

☐ 17. Document ID: US 3702526 A

L4: Entry 17 of 19

File: USPT

Nov 14, 1972

US-PAT-NO: 3702526

DOCUMENT-IDENTIFIER: US 3702526 A

TITLE: AIR IONIZATION AND CLEANING ARRANGEMENT

DATE-ISSUED: November 14, 1972

INVENTOR-INFORMATION:

Eichmeier; Joseph

NAME

CITY Munich

Full Title Citation Front Review Classification Date Reference Sequences Attachments

STATE

ZIP CODE

COUNTRY

DT

KMC Draw Desc Image

 $\text{US-CL-CURRENT: } \underline{96/16}; \ \underline{128/205.27}, \ \underline{250/432R}, \ \underline{315/111.01}, \ \underline{361/231}, \ \underline{422/121}, \ \underline{55/385.1}$ 

18. Document ID: US 3569751 A

L4: Entry 18 of 19

File: USPT

Mar 9, 1971

US-PAT-NO: 3569751

DOCUMENT-IDENTIFIER: US 3569751 A

TITLE: HIGH VOLTAGE GENERATOR

DATE-ISSUED: March 9, 1971

INVENTOR-INFORMATION:

NAME

Ruhnke; Lothar H.

CITY Honolulu STATE HI ZIP CODE

COUNTRY

US-CL-CURRENT: 310/10; 96/66, 96/77

Full Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments |

KMIC Draw Desc Image

19. Document ID: CN 1410165 A US 20020155041 A1

L4: Entry 19 of 19

File: DWPI

Apr 16, 2003

DERWENT-ACC-NO: 2003-102766

DERWENT-WEEK: 200345

COPYRIGHT 2003 DERWENT INFORMATION LTD

TITLE: Electro-kinetic <u>air transporter-conditioner</u> has emitter and collector arrays arranged such that innermost <u>electrode of collector</u> array is located farther away from <u>emitter array than its outermost electrodes</u>

uli Title Citation Front Review Classification Date Reference Sequence	es Attachments   KMIC   Draw Deso   Clip Img   Imag
Generate Collection	Print
Terms	Documents
11 same 12 same L3	19

Display Format: -

Change Format

Previous Page

Next Page

## **WEST Search History**

DATE: Wednesday, October 01, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB = USP	T,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ	r	
L1	taylor-charles\$.in. or lee-jim\$.in.	311	L1
L2	L1 and electrode	58	L2
L3	L2 and (emitter or emitting or emit)	34	L3
L4	L3 and (collector or collecting or collect)	30	L4

END OF SEARCH HISTORY

## Generate Collection Print

#### Search Results - Record(s) 1 through 30 of 30 returned.

1. Document ID: US 20030170150 A1

L4: Entry 1 of 30 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170150 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air

transporter-conditioner devices

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Lau, Shek Fai Foster City CA US Lee, Jimmy Luther CA Rohnert Park US Parker, Andrew J. Sausalito CA US

US-CL-CURRENT: 422/186

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KANC | Draw Desc | Image

2. Document ID: US 20030159918 A1

L4: Entry 2 of 30

File: PGPB Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030159918

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030159918 A1

TITLE: Apparatus for conditioning air with anti-microorganism capability

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE

COUNTRY RULE-47

Taylor, Charles E. Sebastopol CA US

US-CL-CURRENT: 204/164; 204/176, 422/186.07, 422/186.3

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw Deso | Image

3. Document ID: US 20030147783 A1

L4: Entry 3 of 30 File: PGPB Aug 7, 2003

PGPUB-DOCUMENT-NUMBER: 20030147783

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030147783 A1

TITLE: Apparatuses for conditioning air with means to extend exposure time to anti-microorganism lamp

PUBLICATION-DATE: August 7, 2003

INVENTOR - INFORMATION:

NAME

CTTY

STATE

COUNTRY RIJI.E-47

Taylor, Charles E.

Sebastopol

CA

IIS

US-CL-CURRENT: 422/186.3; 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Deso Image

4. Document ID: US 20030072697 A1

L4: Entry 4 of 30

File: PGPB

Apr 17, 2003

PGPUB-DOCUMENT-NUMBER: 20030072697

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030072697 A1

TITLE: Apparatus for conditioning air

PUBLICATION-DATE: April 17, 2003

INVENTOR-INFORMATION:

NAME

CTTY

STATE

COUNTRY

US

RULE-47

Taylor, Charles E.

Sebastopol

CA

US-CL-CURRENT: 422/186.07

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KVMC Draws Desc Image

5. Document ID: US 20020174876 A1

L4: Entry 5 of 30

File: PGPB

Nov 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020174876

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020174876 A1

TITLE: Ion emitting grooming brush

PUBLICATION-DATE: November 28, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Taylor, Charles E.

Sebastopol

CA

US

COUNTRY

Lau, Shek Fai

Foster City

CA

US

US-CL-CURRENT: 132/116

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 6. Document ID: US 20020155041 A1

L4: Entry 6 of 30

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155041

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155041 A1

 $\begin{tabular}{ll} {\tt TITLE: Electro-kinetic air transporter-conditioner with non-equidistant } \underline{\tt collector} \\ electrodes \end{tabular}$ 

PUBLICATION-DATE: October 24, 2002

INVENTOR - INFORMATION:

NAME

CITY

STATE

RULE-47

McKinney, Edward C. JR.

San Rafael Sebastopol CA CA

us us

Taylor, Charles E. Lee, Jim L.

Rohnert Park

CA

បន

COUNTRY

US-CL-CURRENT: 422/186.04

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

KMAC | Draw Desc | Image |

7. Document ID: US 20020150520 A1

L4: Entry 7 of 30

File: PGPB

Oct 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020150520

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020150520 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced  $\underline{\text{emitter}}$  electrode

PUBLICATION-DATE: October 17, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Taylor, Charles E.

Sebastopol

CA

\_\_\_\_

Lee, Jim L.

Rohnert Park

CA

US US

US-CL-CURRENT: 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw, Desc Image

■ 8. Document ID: US 20020146356 A1

L4: Entry 8 of 30

File: PGPB

Oct 10, 2002

PGPUB-DOCUMENT-NUMBER: 20020146356

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020146356 A1

TITLE: Dual input and outlet electrostatic air transporter-conditioner

PUBLICATION-DATE: October 10, 2002

INVENTOR - INFORMATION:

NAME

CITY

COUNTRY

RULE-47

Sinaiko, Robert J.

San Francisco Sebastopol STATE CA

Taylor, Charles E. Lee, Jim L.

San Francisco

CA

US US US

US-CL-CURRENT: 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMIC Draw Desc Image

9. Document ID: US 20020134665 A1

L4: Entry 9 of 30

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134665

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134665 A1

TITLE: Electro-kinetic air transporter-conditioner devices with trailing electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR - INFORMATION:

NAME

CITY

STATE

COUNTRY RULE-47

Taylor, Charles E.

Lee, Jim L.

Sebastopol Rohnert Park CA CA US

US

---

US-CL-CURRENT: 204/164; 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KVMC Draw Desc Image

10. Document ID: US 20020134664 A1

L4: Entry 10 of 30

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020134664

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020134664 A1

TITLE: Electro-kinetic air transporter-conditioner devices with an upstream focus electrode

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Taylor, Charles E. Lee, Jim L. Sebastopol Rohnert Park CA CA US US

US-CL-CURRENT: 204/164; 422/186.04

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMIC Draw Desc Image

11. Document ID: US 20020127156 A1

L4: Entry 11 of 30

File: PGPB

Sep 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020127156

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020127156 A1

TITLE: Electro-kinetic air transporter-conditioner devices with enhanced collector electrode

PUBLICATION-DATE: September 12, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Sebastopol CA US

Taylor, Charles E. US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reterence Sequences Attachments

KWIC Draw Deso Image

RIII.E-47

12. Document ID: US 20020122752 A1

L4: Entry 12 of 30

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122752

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020122752 A1

TITLE: Electro-kinetic air transporter-conditioner devices with interstitial electrode

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Taylor, Charles E. Lau, Shek Fai

Sebastopol Foster City CA CA US US

US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KiMC Draw Desc Image

13. Document ID: US 20020122751 A1

L4: Entry 13 of 30

File: PGPB

Sep 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020122751 PGPUB-FILING-TYPE: new DOCUMENT-IDENTIFIER: US 20020122751 A1

TITLE: Electro-kinetic air transporter-conditioner devices with a enhanced collector electrode for collecting more particulate matter

PUBLICATION-DATE: September 5, 2002

INVENTOR - INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Sinaiko, Robert J. Taylor, Charles E. San Francisco Sebastopol CA CA US

US-CL-CURRENT: 422/186

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KVMC Draw Desc Image

14. Document ID: US 20020100488 A1

L4: Entry 14 of 30

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020100488

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020100488 A1

TITLE: ION EMITTING GROOMING BRUSH

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

US

US

COUNTRY RULE-47

Taylor, Charles E. Lau, Shek Fai Sebastopol Foster City CA CA

US-CL-CURRENT: 132/271; 607/79

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Deso Image

15. Document ID: US 20020098131 A1

L4: Entry 15 of 30

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020098131

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020098131 A1

TITLE: Electro-kinetic air transporter-conditioner device with enhanced cleaning features

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

RULE-47

Taylor, Charles E.

Sebastopol

CA

COUNTRY

US

US

Lau, Shek Fai

Foster City

CA

US-CL-CURRENT: 422/186.04; 204/164, 204/176, 422/186.07

Full | Title | Citation | Front | Review | Classification | Data | Reference | Sequences | Attachments |

KWIC Draw Desc | Image

16. Document ID: US 20020079212 A1

L4: Entry 16 of 30

File: PGPB

Jun 27, 2002

PGPUB-DOCUMENT-NUMBER: 20020079212

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020079212 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 27, 2002

INVENTOR - INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Taylor, Charles E.SebastopolCAUSLau, Shek FaiFoster CityCAUS

US-CL-CURRENT: 204/164; 204/176, 422/186.04, 422/186.07

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Daso Image

17. Document ID: US 20010048906 A1

L4: Entry 17 of 30 File: PGPB

Dec 6, 2001

PGPUB-DOCUMENT-NUMBER: 20010048906

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010048906 A1

TITLE: Electrode self-cleaning mechanism for electro-kinetic air

transporter-conditioner devices

PUBLICATION-DATE: December 6, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Lau, Shek Fai Foster City CA US
Lee, Jimmy L. Rohnert Park CA US
Parker, Andrew J. Sausalito CA US

US-CL-CURRENT: 422/186; 134/104.1, 134/201, 361/226, 361/230

Full Title Citation Front Review Classification Date Reference Sequences Attachments RMC Draw Desc Image

18. Document ID: US 20010032544 A1

L4: Entry 18 of 30 File: PGPB

Oct 25, 2001

PGPUB-DOCUMENT-NUMBER: 20010032544

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010032544 A1

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter

xod

PUBLICATION-DATE: October 25, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Taylor, Charles E. Lau, Shek Fai

Sebastopol Foster City CA CA us US

US-CL-CURRENT: 96/19

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Deso Image

19. Document ID: US 20010004046 A1

L4: Entry 19 of 30

File: PGPB

Jun 21, 2001

PGPUB-DOCUMENT-NUMBER: 20010004046 PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010004046 A1

TITLE: Electro-kinetic air transporter-conditioner

PUBLICATION-DATE: June 21, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

RULE-47

Taylor, Charles E. Lau, Shek Fai

Sebastopol Foster City CA CA US US

US-CL-CURRENT: 204/176; 422/186.07

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

1 20. Document ID: US 6588434 B2

L4: Entry 20 of 30

File: USPT

Jul 8, 2003

US-PAT-NO: 6588434

DOCUMENT-IDENTIFIER: US 6588434 B2

TITLE: Ion emitting grooming brush

DATE-ISSUED: July 8, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE COUNTRY

Taylor; Charles E. Lau: Shek Fai

Sebastopol Foster City CA

CA

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments

KIMC Draw Desc | Image |

21. Document ID: US 6585935 B1

L4: Entry 21 of 30

File: USPT

Jul 1, 2003

US-PAT-NO: 6585935

DOCUMENT-IDENTIFIER: US 6585935 B1

TITLE: Electro-kinetic ion emitting footwear sanitizer

DATE-ISSUED: July 1, 2003

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Taylor; Charles E. Sebastopol CA
Lau: Shek Fai Foster City CA

US-CL-CURRENT: 422/29; 422/186.07

## Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

22. Document ID: US 6350417 B1

L4: Entry 22 of 30 File: USPT Feb 26, 2002

US-PAT-NO: 6350417

DOCUMENT-IDENTIFIER: US 6350417 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Electrode self-cleaning mechanism for electro-kinetic air

transporter-conditioner devices

DATE-ISSUED: February 26, 2002

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Lau; Shek Fai Foster City CA
Lee; Jimmy Luther Rohnert Park CA
Parker; Andrew J. Sausalito CA

US-CL-CURRENT: 422/186.04; 422/186.07

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

1 23. Document ID: US 6312507 B1

L4: Entry 23 of 30

File: USPT

Nov 6, 2001

US-PAT-NO: 6312507

DOCUMENT-IDENTIFIER: US 6312507 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Electro-kinetic ionic air refreshener-conditioner for pet shelter and litter box

DATE-ISSUED: November 6, 2001

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Taylor; Charles E. Sebastopol CA
Lau; Shek Fai Foster City CA

KMC Draw Desc Image

1 24. Document ID: US 6182671 B1

L4: Entry 24 of 30

File: USPT

Feb 6, 2001

US-PAT-NO: 6182671

DOCUMENT-IDENTIFIER: US 6182671 B1

TITLE: Ion emitting grooming brush

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME

CITY

Full Title Citation Front Review Classification Date Reference Sequences Attachments

STATE ZIP CODE

COUNTRY

Taylor; Charles E. Lau; Shek Fai

CA

Sebastopol Foster City CA

US-CL-CURRENT: 132/116; 132/154, 132/272, 15/104.002, 607/79

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Deso Image

1 25. Document ID: US 6176977 B1

L4: Entry 25 of 30

File: USPT

Jan 23, 2001

US-PAT-NO: 6176977

DOCUMENT-IDENTIFIER: US 6176977 B1

TITLE: Electro-kinetic air transporter-conditioner

DATE-ISSUED: January 23, 2001

INVENTOR-INFORMATION:

NAME CITY

Sebastopol

STATE ZIP CODE COUNTRY

Taylor; Charles E. Lau; Shek Fai

Foster City

CA CA

US-CL-CURRENT: 204/176; 123/539, 132/272, 361/226, 361/230, 361/232, 422/186.07

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 26. Document ID: US 6163098 A

L4: Entry 26 of 30

File: USPT

Dec 19, 2000

US-PAT-NO: 6163098

DOCUMENT-IDENTIFIER: US 6163098 A

TITLE: Electro-kinetic air refreshener-conditioner with optional night light

DATE-ISSUED: December 19, 2000

INVENTOR - INFORMATION:

MAME

CITY

STATE ZIP CODE COUNTRY

Taylor; Charles E.

Sebastopol Foster City CA

Lau: Shek Fai

CA

US-CL-CURRENT: 310/308; 361/230, 361/235, 96/15, 96/26, 96/70, 96/95, 96/98

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMIC Draw Deso Image

27. Document ID: US 6152146 A

L4: Entry 27 of 30

File: USPT

Nov 28, 2000

US-PAT-NO: 6152146

DOCUMENT-IDENTIFIER: US 6152146 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 28, 2000

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Taylor; Charles E. Lau; Shek Fai

Sebastopol

CA CA

Foster City

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

28. Document ID: US 5975090 A

L4: Entry 28 of 30

File: USPT

Nov 2, 1999

US-PAT-NO: 5975090

DOCUMENT-IDENTIFIER: US 5975090 A

TITLE: Ion emitting grooming brush

DATE-ISSUED: November 2, 1999

INVENTOR - INFORMATION:

NAME

CITY

STATE ZIP CODE COUNTRY

Taylor; Charles E.

Sebastopol

CA

Lau; Shek Fai

Foster City

CA

US-CL-CURRENT: 132/116; 132/154, 132/272, 607/79

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Deso Image

29. Document ID: US 5458105 A

L4: Entry 29 of 30

File: USPT

Oct 17, 1995

US-PAT-NO: 5458105

DOCUMENT-IDENTIFIER: US 5458105 A

TITLE: Wrist worn anti-snore apparatus for detecting snoring and for producing

vibratory motion

DATE-ISSUED: October 17, 1995

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Taylor; Charles E. Smith; Blaine M.

San Rafael

CA

Lincoln City OR

US-CL-CURRENT: 128/848; 340/575

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Deso Image

30. Document ID: US 4789801 A

L4: Entry 30 of 30

File: USPT

Dec 6, 1988

US-PAT-NO: 4789801

DOCUMENT-IDENTIFIER: US 4789801 A

\*\* See image for Reexamination Certificate \*\*

TITLE: Electrokinetic transducing methods and apparatus and systems comprising or utilizing the same

DATE-ISSUED: December 6, 1988

INVENTOR - INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Lee; Jimmy L.

Santa Rosa

CA

US-CL-CURRENT: 310/308; 323/903, 361/235, 381/111, 96/26, 96/76

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMIC Draw Desc Image

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